

CLAIMS

- [001] A vacuum cleaner comprising a housing (1) containing a housing part (9) for receiving components of electrical appliances and a dust compartment (5) which can be closed by a dust compartment cover (6) that is mounted in such a way that it can pivot between a position wherein the dust compartment (5) is closed and a position wherein the dust compartment is opened, said cover being provided with a socket (14) for the electrical supply of additional appliances, said socket being connected to an electrical cable (16) leading out of the housing part, characterised in that the housing (1) is provided with a compartment (20) for automatically inserting a section (18) of the electrical cable (16) during pivoting of the dust compartment cover (6) from an opening position to the position of the dust compartment cover (6) which closes the dust compartment (5).
- [002] The vacuum cleaner according to claim 1, characterised in that the compartment (20) is embodied as at least approximately rectangular and extends substantially perpendicular to the pivot axis of the dust compartment cover (6).
- [003] The vacuum cleaner according to claim 2, characterised in that the compartment (20) has a width between once and twice the width of the electrical cable (16).
- [004] The vacuum cleaner according to any one of claims 1 to 3, characterised in that the compartment (20) is arranged in an appliance cap (10) which covers the housing part (9).
- [005] The vacuum cleaner according to claim 4, characterised in that the appliance cap (10) has a hinge joint (11, 12) at which the dust compartment cover (6) is hinged.
- [006] The vacuum cleaner according to any one of claims 4 or 5, characterised in that the compartment (20) is disposed above a cable drum provided in the housing part (9).

- [007] The vacuum cleaner according to any one of the preceding claims, characterised in that the compartment (20) has an opening (21) which can be closed by a cover (22).
- [008] The vacuum cleaner according to claim 7, characterised in that the cover (22) has locating means (23, 24) for securing it on the compartment (20).
- [009] The vacuum cleaner according to claim 7 or claim 8, characterised in that the cover (22) has a web (26) which together with at least one opposing counter-web (27) on the compartment (20) forms a tension-relieving means for the electrical cable (16).
- [010] The vacuum cleaner according to any one of claims 7 to 9, characterised in that the cover (22) has a recess (19) at one edge section which, in addition to a further recess on the compartment (20), forms an inlet opening for the electrical cable (16).
- [011] The vacuum cleaner according to claim 10, characterised in that at least one of the recesses (19) has a starting slope (25) for the electrical cable (16).
- [012] The vacuum cleaner according to any one of the preceding claims, characterised in that a rib (28) which projects into the compartment (20) is provided on said compartment (20) to deflect the electrical cable (16) away from a wall of the compartment (20).
- [013] The vacuum cleaner according to claim 12, characterised in that the rib (28) is moulded on an inner side of a wall of the compartment (20).
- [014] The vacuum cleaner according to claim 12 or claim 13, characterised in that the rib (28) is disposed in a central area at the bottom of the compartment (20) and extends substantially vertically upwards.